

This appendix refers to the EPD MD-23133-EN, developed according to EN15804+A2:2019. Results in the appendix communicates LCA results in the format described in EN15804+A1:2013, in order to accommodate a need in the transition period between the two standard revisions. The appendix cannot stand alone, as the reference EPD describes the basis of the assessment.

ENVIRONMENTAL IMPACTS PER M³ OF RIBAPLAN 28 SUBFLOORING

Parameter	Unit	A1-A3	A4	A5	B1-B7	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	2,56E+02	0,00E+00	1,24E+00	0,00E+00	6,70E-02	8,53E+00	0,00E+00	-9,59E+01	0,00E+00
ODP	[kg CFC11-eq.]	9,48E-07	0,00E+00	2,18E-13	0,00E+00	1,12E-12	9,96E-13	0,00E+00	1,71E-11	0,00E+00
AP	[kg SO ₂ -eq.]	2,33E-01	0,00E+00	4,50E-02	0,00E+00	3,89E-05	1,90E-02	0,00E+00	3,50E-02	0,00E+00
EP	[kg PO ₄ ³⁻ -eq.]	4,65E-02	0,00E+00	1,16E-02	0,00E+00	6,79E-06	3,03E-03	0,00E+00	3,93E-03	0,00E+00
POCP	[kg ethene-eq.]	2,53E-02	0,00E+00	5,51E-03	0,00E+00	4,09E-06	3,82E-04	0,00E+00	2,76E-03	0,00E+00
ADPE	[kg Sb-eq.]	6,29E-05	0,00E+00	1,43E-07	0,00E+00	1,77E-08	8,62E-07	0,00E+00	1,11E-06	0,00E+00
ADPF	[MJ]	8,31E+02	0,00E+00	1,83E+01	0,00E+00	8,13E-01	1,13E+02	0,00E+00	8,05E+01	0,00E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources									
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.									

RESOURCE USE PER M³ OF RIBAPLAN 28 SUBFLOORING

Parameter	Unit	A1-A3	A4	A5	B1-B7	C1	C2	C3	C4	D
PERE	[MJ]	2,78E+02	0,00E+00	1,30E+00	0,00E+00	2,94E-01	7,67E+00	0,00E+00	1,23E+01	0,00E+00
PERM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	2,78E+02	0,00E+00	1,30E+00	0,00E+00	2,94E-01	7,67E+00	0,00E+00	1,23E+01	0,00E+00
PENRE	[MJ]	4,43E+02	0,00E+00	1,86E+01	0,00E+00	1,14E+00	1,15E+02	0,00E+00	8,33E+01	0,00E+00
PENRM	[MJ]	4,73E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	9,17E+02	0,00E+00	1,86E+01	0,00E+00	1,14E+00	1,15E+02	0,00E+00	8,33E+01	0,00E+00
SM	[kg]	1,16E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	4,23E-01	0,00E+00	1,36E-02	0,00E+00	1,72E-04	8,87E-03	0,00E+00	2,10E-02	0,00E+00
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Use of net fresh water									
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WASTE CATEGORIES AND OUTPUT FLOWS PER M³ OF RIBAPLAN 28 SUBFLOORING

Parameter	Unit	A1-A3	A4	A5	B1-B7	C1	C2	C3	C4	D
HWD	[kg]	4,31E-08	0,00E+00	1,11E-10	0,00E+00	5,57E-11	6,04E-10	0,00E+00	4,17E-09	0,00E+00
NHWD	[kg]	2,72E+00	0,00E+00	1,26E+00	0,00E+00	4,15E-04	1,85E-02	0,00E+00	4,14E+02	0,00E+00
RWD	[kg]	2,73E-02	0,00E+00	3,72E-05	0,00E+00	1,33E-04	2,11E-04	0,00E+00	9,05E-04	0,00E+00
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy									
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Checked and approved by



Charlotte Merlin
Third party verifier of MD-23133-EN



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